

ASI 2019 – List of Abstracts in Instrumentation and Techniques

Firstname	Last Name	Conference ID	Affiliation	Title	Abstract Type by SOC
Ravindra	Belur	ASI2019_195	IIA, Bengaluru	Imaging Instruments for Large Solar Optical Telescopes	Invited
Sonal	Patel	ASI2019_107	TIFR, Mumbai	Expected performance parameters of the G-APD (SiPM) based imaging atmospheric Cherenkov Gamma-ray telescope	Oral
Debdutta	Paul	ASI2019_509	TIFR, Mumbai	Detection and Characterisation of Cosmic Rays in AstroSat-CZT Imager data	Oral
sreekanth	reddy	ASI2019_172	IIA, Bengaluru	Development and on-sky performance analysis of tip-tilt adaptive optics system	Oral
Govinda	KV	ASI2019_178	IIA, Bengaluru	Concept design of retractable dome for the proposed 2m class National Large Solar Telescope	Oral
Varun	Kumar	ASI2019_403	IIA, Bengaluru	Testing the Performance of Inductive Edge Sensor Against Environmental Changes.	Oral
Ramya	Anche	ASI2019_473	IIA, Bengaluru	Polarization effects due to the segmented primary mirror of the Thirty Meter Telescope	Oral
Mudit	Srivastava	ASI2019_225	PRL, Ahmedabad	The Development of Mt. Abu Faint Object Spectrograph and Camera - Pathfinder (MFOC-P) for PRL 1.2m Mt. Abu Telescope	Oral

nilesh	chouhan	ASI2019_293	BARC, Mumbai	Mirror panel alignment procedure for the MACE Telescope	Oral
Ankala	RajaBayanna	ASI2019_360	PRL, Ahmedabad	Fizeau Mask Interferometry of Solar Features using the Multi Application Solar Telescope at the Udaipur Solar Observatory	Oral
Krishna	Reddy	ASI2019_425	ARIES, Nainital	Different observing modes in faint object spectrograph and camera on 3.6-m Devasthal optical telescope	Oral
Kuldeep	Yadav	ASI2019_429	BARC, Mumbai	Status update of MACE gamma-ray telescope	Oral
Brijesh	Kumar	ASI2019_243	ARIES, Nainital	Update on performance of 3.6m Devasthal Optical Telescope and prospects for science observations	Oral
Hemanth	Pruthvi	ASI2019_471	IIA, Bengaluru	Solar Scanning Polarimeter at Kodaikanal Tower-tunnel Telescope for Ca II 854.2 nm line	Oral
B	Ananthamoorthy	ASI2019_248	Manipal Centre for Natural Sciences, MAHE	UVIT and GALEX: A comparative study	Poster
Shanti	Prabha	ASI2019_265	IIA, Bengaluru	Spectroscopic Imaging of Nebular Gas: Cubesat based spectrometer to explore nebular astrophysics through imaging spectroscopy	Poster
Vibhore	Negi	ASI2019_400	ARIES, Nainital	Data Reduction Pipeline for 4 m ILMT	Poster

DIVITA	Saraogi	ASI2019_466	IIT BOMBAY	All sky instruments for high energy transients	Poster
HARSH	KUMAR	ASI2019_456	IIT Bombay	Growth-India: India's first robotic telescope	Poster
Ashish	Mhaske	ASI2019_503	IUCAA, Pune	Radio Telescope	Poster
Rushikesh	Deogaonkar	ASI2019_423	Vishwakarma Institute of Technology,Pune	Automation in Telescope	Poster
Deepangkar	Sarkar	ASI2019_151	IIA, Bengaluru	Measurement of Meteorological Parameters for the National Large Solar Telescope at the Pongong Lake Site	Poster
Rangarajan	Komandur	ASI2019_285	IIA, Bengaluru	College level Solar Physics Experiments	Poster
Aishwarya	Selvaraj	ASI2019_53	IIA, Bengaluru	Development of camera control software for high speed acquisition.	Poster
Narasimha	Jayanth	ASI2019_499	Manipal Institute Of Technology, Manipal	Development of a Customized Shack-Hartman Wavefront Sensor for the relative Radius of Curvature Measurement.	Poster
ARJUN	MANOHARAN	ASI2019_500	IIA, Bengaluru	FEA Analysis of the TMT Capacitive Edge Sensor	Poster
Vaibhav	Dixit	ASI2019_120	PRL, Ahmedabad	Development of an Adaptive Optics Test-bench: The Computational Approach	Poster

Binukumar	GopalakrishnanNair	ASI2019_343	IIA, Bengaluru	Micrometeorite collector and SAMPLE – A Method of Collection of Stratospheric Samples Using Balloon-Borne Payload	Poster
Mohanlal	Jangra	ASI2019_134	PRL, Ahmedabad	Mt Abu Faint Object Spectrograph and Camera-Pathfinder(MFOSCP) on PRL 1.2m Telescope: Opto-Mechanical and Control System Design	Poster
Vipin	Kumar	ASI2019_229	PRL, Ahmedabad	Assembly-Integration-Testing (AIT) and Characterization of Mt. Abu Faint Object Spectrograph and Camera-Pathfinder (MFOSCP)	Poster
Sireesha	Chamarthi	ASI2019_163	IIA, Bengaluru	Sensitivity analysis on VBT Echelle spectrograph for precision Radial velocity measurements	Poster
Girish	V	ASI2019_366	ISRO DOS	Three Years of AstroSat	Poster
Sridharan	Rengaswamy	ASI2019_49	IIA, Bengaluru	Diffraction limited imaging with the Multi Application Solar Telescope (MAST)	Poster
Kumar	TS	ASI2019_306	ARIES, Nainital	Development of a generic instrument controller for the 3.6 m DOT facility at ARIES	Poster
Srinath	Patti	ASI2019_335	IIA, Bengaluru	Hybrid Optical Correlator for Gravitational wave signal detection	Poster

SaiPrabhath	Deevi	ASI2019_481	IIA, Bengaluru	Development of a direct drive based Alt-Azimuth Telescope for the MASS-DIMM Instruments	Poster
Biswajit	Mondal	ASI2019_412	PRL, Ahmedabad	Optimization and reflectivity data fitting for x-ray multilayer mirrors.	Poster
Sreejith	Padinhatteeri	ASI2019_448	IUCAA, Pune	SUIT on-board decision making algorithms.	Poster
Tarun	Bangia	ASI2019_486	ARIES, Nainital	Mechanical aspects of 3.6m Telescope at Devasthal and proposed future developments	Poster
Mahesh	Burse	ASI2019_516	IUCAA, Pune	Design and architecture of the SUIT processing electronics	Poster
Bhupesh	Saxena	ASI2019_495	MPCouncil of Science and Technology, Bhopal	A Performance Evaluation of 0.5m optical telescope of Varahmihir Astronomical Observatory, Ujjain.	Poster
